

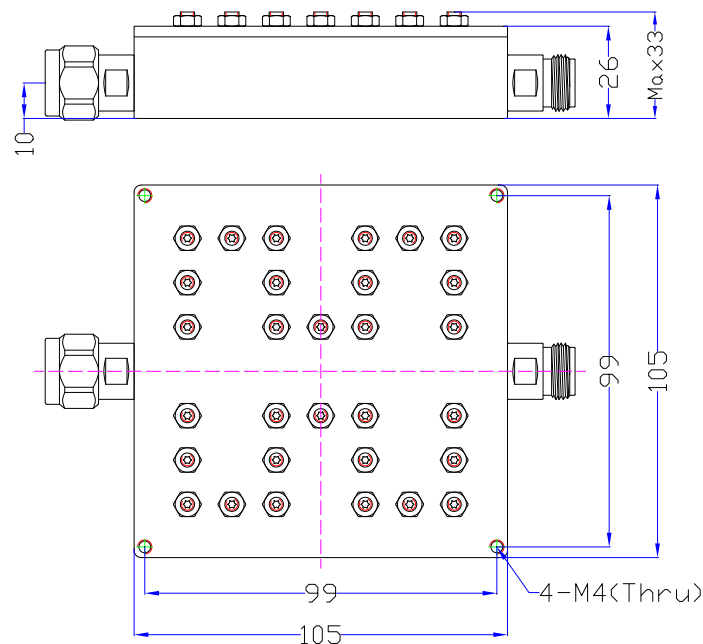
HXLBQ-DTA745

Cavity Dual Pass Band Filter

Technical Data Sheet

S/N	Item	Parameters	
		CH1	CH2
1	Center Frequency(F0)	1842MHz	2630MHz
2	Pass Band Frequency	1836 ~ 1848MHz **	2622 ~ 2638MHz **
3	Pass Band Insertion Loss	≤2.0dB	≤2.0dB
4	Pass Band Ripple	≤0.5dB	≤0.5dB
5	Pass Band Return Loss	≥20dB	≥20dB
6	Stop Band Rejection	≥40dB @ DC ~ 1826MHz , 1858 ~ 2612MHz , 2648 ~ 5500MHz	
7	Impedance	50 Ohms	
8	Power	20W Max.	
9	Connectors	N-Male / N-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-20°C ~ +60°C	
12	Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: H59 Copper, Plated ternary alloy Other screw: Stainless Steel
13	Dimensions	105*105*26mm	
14	Net weight	TBD	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.4mm)



** The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.